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PHOTOGRAPHIC INTERPRETATION REPORT



JANUARY SUMMARY REPORT

SELECTED TARGETS NORTH VIETNAM AND LAOS

NPIC/R-61/66
FEBRUARY 1966

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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TITLE NPIC

25X1C

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
<u>AIR INSTALLATIONS</u>				
25X1A SAM NEUA AIRFIELD 2 NM EAST OF SAM NEUA. COMOR [REDACTED]	2025N 10404E	0616	25X1A	136-A
3,600 X 100 FT E/W SOD RUNWAY, SERVICEABLE. OB -- NONE OBSERVED.				
25X1D	[REDACTED]			
<u>MILITARY INSTALLATIONS</u>				
25X1A SAM NEUA MILITARY AREAS FOUR MILITARY AREAS REFERENCED FROM SAM NEUA. COMOR [REDACTED]	2025N 10403E	0616		136-C
25X1D AREA A (SOUTH EDGE AT UTM [REDACTED], SAM NEUA ARMY BARRACKS SOUTH, BE NO [REDACTED] 17 BARRACKS/SUPPORT (8 WITH ROOF DAMAGE) AND 1 LARGE ADMINISTRATION BUILDING. AREA B (0.3 NM WEST AT UTM [REDACTED] -- 4 LARGE STORAGE BUILDINGS. TRENCHING AND ROW CROPS ARE IN THE IMMEDIATE AREA.				
25X1A AREA C (0.2 NM EAST ON NORTH SIDE OF ROUTE 6 AT UTM [REDACTED]) -- 1 LARGE BARRACKS, 1 MESSHALL, AND 3 SUPPORT BUILDINGS. AREA D (WEST EDGE AT UTM [REDACTED] -- 3 T-SHAPED PROBABLE BARRACKS, 1 LARGE U-SHAPED ADMINISTRATION, AND 8 SUPPORT BUILDINGS ON WEST SIDE OF ROAD.				
25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D				
25X1A	BOUN NEUA ARMY BARRACKS IMMEDIATELY WEST OF BOUN NEUA. COMOR [REDACTED] REST/REFUEL AREA CONTAINS 1 BARRACKS-TYPE AND 7 STORAGE/SUPPORT BUILDINGS. OB -- 2 CARGO TRUCKS.	2139N 10153E	0616	25X1A [REDACTED] 103-A
25X1D	PHONG SALY BARRACKS AREA 0.1 NM NORTH OF PHONG SALY. COMOR [REDACTED] SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS AND 8 STORAGE/SUPPORT BUILDINGS.	2141N 10206E	0616	25X1A [REDACTED] 134-B
25X1A	-NORTH VIETNAM-			
25X1D	<u>AIR INSTALLATIONS</u> DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. COMOR [REDACTED] AREA SUBJECT TO AIR STRIKE. 4,000 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY, UNSERVICEABLE, WITH MANY BOMB CRATERS.	2123N 10301E	0616	25X1A [REDACTED] 105

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25X1D

25X1D

PHOTOGRAPHY OF [REDACTED] REVEALED 1 FILLED-IN CRATER, BUT NO EVIDENCE OF RECONSTRUCTION.

PHOTOGRAPHY OF [REDACTED] REVEALED RECONSTRUCTION ACTIVITY AT SSE END, EXTENDING THE RUNWAY 600 FT. THE SERVICEABLE LANDING AREA IS NOW 2,100 X 90 FT. FRESH AGGREGATE HAS BEEN SPREAD ON A 300 X 90 FT AREA 1,400 FT FROM SSE END OF RUNWAY. AT LEAST 7 PARACHUTES OBSERVED ON [REDACTED] UNDAMAGED FACILITIES INCLUDE A WEATHER STATION, A COMMUNICATIONS FACILITY, AND 2 BARRACKS/STORAGE BUILDINGS. OB -- NONE OBSERVED.

25X1D

[REDACTED]

25X1A

NGHIA LO AIRFIELD SW EDGE OF NGHIA LO.
COMOR [REDACTED]
2,000 X 130 FT NNE/SSW GRADED EARTH RUNWAY WITH 4 BOMB CRATERS ON WESTERN END, PROBABLY SERVICEABLE.
OB -- NONE OBSERVED.

25X1D

YEN BAI SUSPECT AIRFIELD UNDER CONSTRUCTION
2.3 NM NW OF YEN BAI AT UTM [REDACTED]
SUSPECT AIRFIELD IN EARLY STAGE OF CONSTRUCTION CONSISTS OF A 6,600 X 600 FT

Coordinates

WAC

Target Numbers

BE NPIC

2136N 10430E 0616 [REDACTED]

25X1A

133-A

2144N 10452E 0616 [REDACTED]

147-D

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[REDACTED] 26-1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D	<p>NW/SE AREA OF CONSTRUCTION. THE KARST HILLS IN THIS AREA ARE BEING LEVELED. THE MATERIAL OBTAINED IS BEING USED TO FILL IN VALLEYS BETWEEN THE HILLS AND TO BUILD NEW ROADS. EXCESS MATERIAL IS BEING DUMPED ON A SAND BAR IN THE RED RIVER. ONE 6,000-FT DRAINAGE CANAL IS PARALLEL TO SUSPECT AIRFIELD AND SEVERAL MINOR DRAINAGE CANALS ARE ADJACENT TO THE AREA. AN EXTENSIVE ROAD NETWORK, WITH CONNECTING LINKS TO NUMEROUS NEW STORAGE AREAS, IS UNDER CONSTRUCTION. THE COMPLETED PORTIONS ARE BEING CAMOUFLAGED WITH VEGETATION. AT LEAST 285 NEW STORAGE/SUPPORT BUILDINGS ARE DISPERSED IN TREES AT THE BASE OF THE KARST HILLS.</p> <p>OB -- NONE OBSERVED. ACTIVITY -- AT LEAST 32 PIECES OF CONSTRUCTION EQUIPMENT.</p> <p>[REDACTED]</p>			
25X1A	<p>LAI CHAU AIRFIELD IMMEDIATELY SE OF LAI CHAU. COMOR [REDACTED] 2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY UNSERVICEABLE.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2203N 10309E	0616	25X1A [REDACTED] 118-A
25X1D	<p>VINH AIRFIELD 3.5 NM NORTH OF VINH. COMOR [REDACTED] 6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE.</p>	1843N 10540E	0617	25X1A [REDACTED] 128-A

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25X1D

AIRFIELD SUBJECT TO AIR STRIKE.
 APPROXIMATELY 25 BOMB CRATERS OBSERVED ON
 AND NEAR NORTH END OF RUNWAY.
 FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1
 CROSSOVER LINK, 2 ALERT APRONS, A PARKING
 APRON, 13 AIRCRAFT REVETMENTS, A CONTROL
 TOWER/OPERATIONS BUILDING, AND SEVERAL
 MAINTENANCE/SUPPORT BUILDINGS.

[REDACTED]

BAI THUONG AIRFIELD
 25X1D
 5 NM EAST OF BAI THUONG AT UTM [REDACTED]
 6,600 X 200 FT NE/SW RUNWAY DELINEATION
 OBSERVED. SUB-SURFACING MATERIAL IS BEING
 APPLIED TO THE ORIGINAL GRADED BASE OF
 RUNWAY. INITIAL APPLICATION OF THE FINAL
 RUNWAY SURFACE IS BEGINNING ON SE END OF
 RUNWAY. EXTENSIVE DRAINAGE PATTERNS ARE
 STILL APPARENT.
 INITIAL GRADING AND FOUNDATION EXCAVATIONS
 HAVE BEGUN ON A TAXIWAY WHICH WILL PARALLEL
 SOUTH SIDE OF RUNWAY. TEN EARTHEN AIRCRAFT
 REVETMENTS HAVE BEEN CONSTRUCTED, 5 AT EACH
 END OF THE RUNWAY. THESE 2 REVETMENT AREAS
 WILL BE CONNECTED BY THE NEW TAXIWAY.
 OB -- NONE OBSERVED.
 ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE AT SE
 END OF RUNWAY, AT LEAST 9 PIECES OF
 CONSTRUCTION EQUIPMENT IN A REVETMENT
 NEAR AIRFIELD, AND NUMEROUS CONSTRUCTION
 PERSONNEL NEAR RUNWAY.

[REDACTED]

25X1D

Coordinates

WAC

Target Numbers

BE

NPIC

25X1A

150-A

1954N 10528E 0617 [REDACTED]

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
			25X1A [REDACTED]	105-A
MILITARY INSTALLATIONS				
25X1A	DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD.	2119N 10301E	0616	
25X1D	COMOR [REDACTED] AREA A (1.2 NM NNW AT UTM [REDACTED]) -- AREA RAZED.			
25X1D	AREA B (1.2 NM NW AT UTM [REDACTED]) -- 6 BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS.			
25X1D	AREA C (0.7 NM NE AT UTM [REDACTED]) -- AREA RAZED. ONE BUILDING REMAINS INTACT, 8 ARE DAMAGED, AND 16 ARE DISMANTLED.			
25X1D	AREA D (1.1 NM ENE AT UTM [REDACTED]) -- SUBJECTED TO AIR STRIKE. ONE PROBABLE ADMINISTRATION BUILDING PARTIALLY DAMAGED AND 3 PROBABLE AMMUNITION STORAGE BUILDINGS REMAIN INTACT.			
25X1D	AREA E (0.3 NM SOUTH AT UTM [REDACTED]) -- AREA COMPLETELY DESTROYED. ONE DAMAGED BUILDING REMAINS.			
25X1D	AREA F (0.5 NM EAST AT UTM [REDACTED]) -- 2 LARGE AND 3 SMALL ADMINISTRATION, 3 MESSHALL (2 DISMANTLED), 1 LARGE STORAGE, AND NUMEROUS DISMANTLED/DESTROYED SUPPORT BUILDINGS.			
25X1D	AREA G (1 NM ESE AT UTM [REDACTED]) -- AREA COMPLETELY DISMANTLED/DESTROYED.			
25X1D	AREA H (0.8 NM SSE AT UTM [REDACTED]) -- AREA SUBJECTED TO AIR STRIKE. TEN DAMAGED BUILDINGS REMAIN.			
25X1D	AREA I (1.6 NM SSE AT UTM [REDACTED]) -- 7 BARRACKS, 5 SUPPORT BUILDINGS, AND			

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
1 25X1D NUMEROUS SMALL SHACKS REMAIN. AREA J (AT DIEN BIEN PHU AT UTM [REDACTED] -- AREA HAS BEEN BOMBED. ONLY 10 SCATTERED PARTIALLY DAMAGED BUILDINGS REMAIN. [REDACTED]				
25X1A VINH MILITARY INSTALLATIONS FIVE MILITARY INSTALLATIONS IN VINH AREA. COMOR [REDACTED] AREA A (IN VINH AT UTM [REDACTED] VINH ARMY BKS CITADEL, BE NO [REDACTED]) -- 25 BARRACKS-TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS. AREA B (0.9 NM NW OF VINH CITADEL AT UTM [REDACTED], VINH HQ MIL REGION IV, BE NO [REDACTED] -- 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA HEAVILY STRUCK. APPROXIMATELY 60 BUILDINGS DAMAGED/DESTROYED. AREA C (1.5 NM NW OF VINH AT UTM [REDACTED] VINH ARMY BKS NW, BE NO [REDACTED] -- 13 BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS. AREA D (1.5 NM EAST OF VINH AT UTM [REDACTED] VINH ARMY SUPPLY DEPOT EAST, BE NO -- 35 BUILDINGS DAMAGED. NO	1840N 10541E	0617	128-B	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D RECONSTRUCTION OBSERVED. AREA E (2 NM ENE OF VINH AT UTM [REDACTED]) -- BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 4 DAMAGED SUPPORT BUILDINGS. TWO LARGE BOMB CRATERS OBSERVED.				
25X1D PHUC LOI NAVAL BASE 0.3 NM NE OF VINH AT PHUC LOI (UTM [REDACTED]) COMOR [REDACTED] AREA SUBJECT TO AIR STRIKE. FACILITIES INCLUDE A T-HEAD PIER, 1 FINGER PIER WITH PONTON WHARF, 2 DAMAGED MARINE RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS, 5 STORAGE/ SUPPORT BUILDINGS (1 SEVERELY DAMAGED), A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS.	1844N 10545E	0617	25X1A	128-M
25X1D MUONG SEN ARMY SUPPLY DEPOT 0.5 NM SE OF MUONG SEN ON BOTH SIDES OF ROUTE 7 AT UTM [REDACTED] COMOR [REDACTED] ALL BUILDINGS HAVE BEEN DESTROYED OR DISMANTLED. SIX LARGE CRATERS OBSERVED IMMEDIATELY WEST OF BARRACKS AREA. NO EVIDENCE OF CURRENT MILITARY ACTIVITY OBSERVED.	1923N 10408E	0617	25X1A	117
25X1D [REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	25X1D [REDACTED]			[REDACTED]	
25X1D	<u>BASIC SERVICES</u>				
25X1A	VINH RAILROAD CLASSIFICATION YARD NW 1.2 NM NNW OF VINH. COMOR [REDACTED]	1841N 10540E	0617	25X1A [REDACTED]	128-F
25X1D	AREA A (UTM [REDACTED]) -- A TURNING WYE WHICH TERMINATES IN A CONCRETE LOCOMOTIVE REVETMENT, 3 COMPLETED SPURS, 1 SPUR UNDER CONSTRUCTION, A LOADING RAMP, AND 3 SUPPORT/STORAGE BUILDINGS. A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTM [REDACTED] AT TERMINUS OF A NEW RAIL SPUR.				
25X1D	AREA B (UTM [REDACTED]) -- 2 LARGE INTACT STORAGE, 2 DESTROYED/DISMANTLED, AND APPROXIMATELY 3 MISCELLANEOUS SMALL BUILDINGS.				
25X1D	AREA C (UTM [REDACTED]) -- TRANSSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS (2 MULTIWINGED). RAILS THROUGHOUT YARD HAVE BEEN INTERDICITED BY NUMEROUS BOMB CRATERS.				
25X1D	[REDACTED]				
.	<u>PORTS AND HARBORS</u>				
25X1D	BEN THUY PORT FACILITIES 2.2 NM SSE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM [REDACTED] COMOR [REDACTED]	1839N 10542E	0617	25X1A [REDACTED]	128-D
25X1A	COMPLEX CONTAINS 4 STORAGE AREAS WITH				

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25X1D

APPROXIMATELY 25 STORAGE BUILDINGS, A LARGE SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AIR STRIKE AND ARE BOTH UNSERVICEABLE.
OB -- NONE OBSERVED.
VESSELS -- 1 CAPSIZED COASTAL FREIGHTER AT OFFSHORE WHARF.

25X1A

URBAN COMPLEXES

LAI CHAU COMPLEX
ON ROUTE 41.
COMOR [REDACTED]

2203N 10309E 0616 [REDACTED] 118-B

25X1D

PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 2 SQ MI, INCLUDES 2 SMALL MILITARY CAMPS, ONE 1 NM SOUTH AND ONE 0.5 NM NE. SEVERAL DEFENSE POSITIONS OBSERVED.

[REDACTED]

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

COMOR target numbers, when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear), SC (scattered cloud cover), H (haze), CS (cloud shadow), HC (heavy cloud cover), SD (semidarkness), S (snow), O (obliquity), GC (ground cover), CF (camouflage), and GR (ground resolution).

Interpretability of the photography is categorized as G (good), F (fair), or P (poor).

Target coverage is denoted by the symbols T (total) or PT (partial).

The mode of coverage is indicated by ST (stereo), NS (nonstereo), or PS (partial stereo).

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